

# Exceptional Yield Potential and Outstanding Winterhardiness

| Penn State University<br>Rock Springs |             | University of Wisconsin<br>Arlington |             | University of California<br>Tulelake |             | University of Illinois<br>Freeport        |              |
|---------------------------------------|-------------|--------------------------------------|-------------|--------------------------------------|-------------|---|--------------|
| Variety                               | Yield (T/A) | Variety                              | Yield (T/A) | Variety                              | Yield (T/A) | Variety                                   | Yield (T/A)  |
| <b>WL 357HQ</b>                       | <b>6.81</b> | <b>WL 357HQ</b>                      | <b>8.10</b> | <b>WL 357HQ</b>                      | <b>4.54</b> | <b>WL 357HQ</b>                           | <b>11.98</b> |
| Pioneer 54V46                         | 6.70        | HybriForce 420-Wet                   | 7.97        | Pioneer 54Q25                        | 4.48        | DKA33-16                                  | 10.89        |
| HybriForce 420-Wet                    | 6.69        | 4A421                                | 7.89        | LM 459WD                             | 4.45        | HybriForce 420-Wet                        | 10.86        |
| DKA50-18                              | 6.58        | Pioneer 54V46                        | 7.86        | SW 4A135                             | 4.41        | Pioneer 54V91                             | 10.56        |
| Tribute                               | 6.47        | FSG 406                              | 7.37        | Dura 512                             | 4.40        | Phirst Hybrid                             | 10.23        |
| Garst 6400HT                          | 6.14        | GH 707                               | 7.33        | Vernal                               | 4.37        | Garst 6325                                | 9.86         |
| Oneida VR                             | 5.79        | Everlast                             | 7.00        | HybriForce 420-Wet                   | 4.34        | Vernal                                    | 9.34         |
| University of Nebraska<br>Mead        |             |                                      |             |                                      |             | Michigan State University<br>East Lansing |              |
| Variety                               | Yield (T/A) |                                      |             |                                      |             | Variety                                   | Yield (T/A)  |
| <b>WL 357HQ</b>                       | <b>9.23</b> |                                      |             |                                      |             | <b>WL 357HQ</b>                           | <b>8.17</b>  |
| HybriForce 420-Wet                    | 9.17        |                                      |             |                                      |             | DKA33-16                                  | 8.07         |
| Garst 6530                            | 8.90        |                                      |             |                                      |             | Pioneer 54Q25                             | 8.01         |
| Pioneer 54V46                         | 8.80        |                                      |             |                                      |             | HybriForce 420-Wet                        | 7.73         |
| Phirst Hybrid                         | 8.72        |                                      |             |                                      |             | Everlast                                  | 7.62         |
| GH 711                                | 8.20        |                                      |             |                                      |             | Phirst Hybrid                             | 7.51         |
| FSG 406                               | 7.83        |                                      |             |                                      |             | Vernal                                    | 6.58         |

# WL 357HQ

## WL 357HQ Advantages:

- Superior digestibility produces more milk or beef and greater profitability when fed; WL 357HQ consistently beats the competition in head-to-head digestibility comparisons.
- Very high-yielding under 4- and 5-cut harvest managements; the highest-yielding winterhardy HQ variety released to date.
- Very winterhardy (WH=1.6); WL 357HQ delivers long stand life even under the toughest weather conditions.
- Proven ability to “hold” high feed value in the field over a longer period of time; WL 357HQ delivers higher forage quality and greater harvest flexibility with less risk of rain damage to hay and haylage when harvest is delayed.
- A “perfect” disease resistance index (DRI) of 30/30 and strong resistance to insects and nematodes produces big yields and long stand life across a wide range of soil types.
- Very fast recovery after cutting and superior standability encourages intensive harvest management; WL 357HQ produces higher yields and higher quality forage more often with less risk.
- Dark green, fine-stemmed, and highly palatable.
- Excellent early maturing companion variety to WL 319HQ.
- Very well-adapted for use in the Midwestern, Northeastern, Northwestern, and Central Plains regions of the U.S. for hay and haylage uses.



# WL 357 HQ



■ Area of Primary Adaptation

Our newest winterhardy HQ (high quality-selected) alfalfa, WL 357 HQ, carries on in the great tradition set by WL 325 HQ. Very high yield potential across a wide range of soil types, outstanding winterhardiness characteristics, and unmatched forage quality and feed value potential set WL 357 HQ apart from the competition.



W-L Research

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## WL 357 HQ Delivers Lower Feed Costs, Higher Profits

IaCrosse, Wisconsin

| Variety          | %CP         | RFQ*       | \$ per Acre    |
|------------------|-------------|------------|----------------|
| <b>WL 357 HQ</b> | <b>19.0</b> | <b>150</b> | <b>\$1,791</b> |
| HybriForce-400   | 18.2        | 133        | 1,759          |
| Pioneer 54V54    | 18.3        | 132        | 1,724          |
| Ameristand 403T  | 18.9        | 134        | 1,702          |

WL 357 HQ beat Ameristand by \$89 per acre!

Ames, Iowa

| Variety          | %CP         | RFQ*       | \$ per Acre    |
|------------------|-------------|------------|----------------|
| <b>WL 357 HQ</b> | <b>20.8</b> | <b>151</b> | <b>\$1,130</b> |
| Garst 6415       | 20.2        | 145        | 1,097          |
| HybriForce-400   | 20.2        | 138        | 1,083          |
| Ameristand 403T  | 20.5        | 141        | 1,057          |
| Pioneer 54V54    | 20.7        | 145        | 1,022          |

WL 357 HQ beat Pioneer 54V54 by \$108 per acre!

\* Relative Forage Quality (RFQ)

### Agronomic Traits

|                                |           |
|--------------------------------|-----------|
| Maturity                       | Early     |
| Fall Dormancy                  | 4.7       |
| Winterhardiness                | 1.6       |
| Forage Yield Index             | Very High |
| Digestibility/Feed Value       | Superior  |
| Persistence Index              | Very High |
| Disease Resistance Index (DRI) | 30/30     |
| Recovery After Harvest         | Very Fast |
| Standability                   | Excellent |
| Multileaf Expression           | 75%       |

### Pest Resistance Traits

|                       |          |
|-----------------------|----------|
| Bacterial Wilt        | HR (55%) |
| Fusarium Wilt         | HR (61%) |
| Anthracoze            | HR (55%) |
| Phytophthora Root Rot | HR (58%) |
| Aphanomyces Root Rot  | HR (56%) |
| Verticillium Wilt     | HR (73%) |
| Leaf Disease          | R        |
| Aphids                | R        |
| Nematodes             | R        |

HR = Highly Resistant R = Resistant